

# **DURANGO INTERAGENCY DISPATCH AREA**

## **MOBILIZATION GUIDE**

### **CHAPTER 70 - EQUIPMENT AND SUPPLIES**

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## **70 EQUIPMENT - GENERAL**

Each unit should maintain tools and supplies at a level to handle normal operations for initial attack and minor support, such as outfitting available forces on the unit, regular fire replacement, and normal fire activity.

### **DRC Area Caches locations are:**

**San Juan Public Lands has a 150 person cache located at Durango.**

This is also the location of the SJIA Crew cache. DRC has the key and inventory. Items must be checked out through the Cache Manager or Dispatch.

**Mesa Verde NP has a 50 person cache.**

**Durango Rescue and Fire Authority has a 20 person cache.**

**Southern Ute Agency has a 20 person cache.**

**Ute Mountain Agency has a 20 person cache.**

**Each District Office has a local IA cache for 10 persons.**

## **71 AREA RADIO CACHES**

Requests for NIRSC telecommunications components will be placed to RMACC through established ordering channels on a ROSS Equipment Order. For a complete listing of NIRSC telecommunications components, refer to the NWCG Fire Supplies and Equipment Catalog.

### **71.1 NATIONAL ICS STARTER RADIO SYSTEMS**

Rocky Mountain Area Coordination Center shall preposition a National ICS Starter Radio System at RMK from May 15 - October 15 annually. For information on Starter Systems refer to the ICS Communications User's Guide, or the NWCG Fire Supplies and Equipment Catalog Part 1. A Communications Tech will be required for all dispatches of this system.

### **71.2 AREA RADIO SYSTEMS**

Always available in the RMK are, 1 VHF aircraft radio, 2 Command Tactical Division Radio kits (NFES 4381), each consisting of 16 synthesized personal portable radios. The kits are compatible with national C2/C3 systems. Components of this kit may be ordered separately; the radios contain 8 pre-programmed frequencies for incident use.

### **71.3 DRC AREA RADIOS (See the DRC Area Interagency Frequency Guide for area frequencies.)**

- **DRC has a Type 1 Air Tactical Avionics Kit. (See chapter 77)**
- **DFRA has a radio cache of 20 King Radios for local use.**
- **All Volunteer Fire Departments have been supplied with King Radios which are programmed with interagency air to ground and ground tactical.**

## **72 NATIONAL FOOD SERVICES AND SHOWERS FACILITIES**

For a complete listing of the Schedule of Items and contract specifications for National Mobile Food and Shower Contracts, refer to the current National Mobile Food Service and National Contract Mobile Shower Facilities publications. This information is available on the web at [http://www.nifc.gov/nicc/logistics/equipment\\_supplies/equipment\\_supplies.htm](http://www.nifc.gov/nicc/logistics/equipment_supplies/equipment_supplies.htm)

The government is obligated to order from the National Mobile Food Service caterer when at any time (1) the number of people to be fed is at or above 150 persons per meal, and (2) the headcount is estimated to remain at those numbers or greater, for at least 72 hours from when the headcount first reaches 150 persons per meal, provided they can meet the incident's needs and required time frames. National Contractors must be ordered through the Dispatch System from NICC (Complete a Food and Shower Form). Anytime a National Caterer is mobilized a Food Unit Leader (FDUL) must be mobilized. Anytime a National Caterer or Shower is mobilized, it is recommended that a Contracting Officer (COTR) be ordered.

**The incident may hire local food service from a stationary (not mobile) caterer/restaurant when the incident duration/personnel do not meet the criteria stated above.**

**-SEE DRC VENDOR LIST FOR LOCAL FOOD SERVICES, ETC.-**

### **73 ADVANCED TECHNOLOGICAL METEOROLOGICAL UNIT (ATMU)**

An ATMU will be requested on a ROSS Supply Order through established ordering channels. Mobilizations of the ATMU is not automatic. They will be mobilized only upon request from the Incident Meteorologist, - **NFES #1836, ATMU**, and will be placed to RMACC through established ordering channels on a ROSS Supply Order.

### **74 FIRE/PROJECT REMOTE AUTOMATIC WEATHER STATIONS (FRAWS–NFES #5869 /PRAWS–NFES #5870)**

Requests for FRAWS/PRAWS will be placed with NICC through established ordering channels on a ROSS Supply Order. Any necessary technicians, vehicles, or air transportation required for mobilization and demobilization will be coordinated through NIFC. As availability of equipment and associated technician support will depend on a variety of factors, prior phone coordination with the National Interagency Fire Center Remote Weather/Fire Weather Support Unit (RSFWSU) at (208) 387-5726 is recommended. The requesting agency must contact the NIFC Remote Sensing Fire Weather Support Unit prior to ordering to determine a specific PRAWS configuration. Upon release from the incident, the FRAWS or PRAWS will be returned to NIFC.

***If the requesting unit has agency qualified personnel to install and maintain the RAWS units, then this must be documented in the special needs portion of the ROSS request.*** No technicians will be dispatched from NIFC when a request has such documentation. If NICC does not receive such documentation, then technicians will be dispatched with the equipment and no subordinate or overhead requests will be required.

## 75 ENGINES, WATER TENDERS and DOZERS

The table below lists the NWCG type minimum requirements for engines and water tenders. Please use these types when requesting engines and water tenders. RMA requires 3 people minimum per engine instead of 2.

### Engine Types

Requirements	Engine Type						
	Structure		Wildland				
	1	2	3	4	5	6	7
Tank minimum capacity (gal)	300	300	500	750	400	150	50
Pump minimum flow (gpm)	1000	500	150	50	50	50	10
@ rated pressure (psi)	150	150	250	100	100	100	100
Hose 2½"	1200	1000	-	-	-	-	-
1½"	500	500	1000	300	300	300	-
1"	-	-	500	300	300	300	200
Ladders <b>per NFPA 1901</b>	Yes	Yes	-	-	-	-	-
Master stream 500 gpm min.	Yes	-	-	-	-	-	-
Pump and roll	-	-	Yes	Yes	Yes	Yes	Yes
Maximum GVWR (lbs)	-	-	-	-	26,000	19,500	14,000
Personnel (min)	4	3	3	2	2	2	2

### Water Tender Types

Requirements	Water Tender Type				
	Support			Tactical	
	S1	S2	S3	T1	T2
Tank capacity (gal)	4000	2500	1000	2000	1000
Pump minimum flow (gpm)	300	200	200	250	250
@ rated pressure (psi)	50	50	50	150	150
Max. refill time (minutes)	30	20	15	-	-
Pump and roll	-	-	-	Yes	Yes
Personnel (min)	1	1	1	2	2

1. All types shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross vehicle weight ratings when fully loaded.
2. Type 3 engines and tactical water tenders shall be equipped with a foam proportioner system.
3. All water tenders and engine types 3 through 6 shall be able to prime and pump water from a 10 foot lift.
4. Personnel shall meet the qualification requirements of NWCG *Wildland Fire Qualification System Guide*, PMS 310-1.

### Common Additional Needs – Request as Needed

- All Wheel Drive (includes four wheel drive)
- High pressure pump (250 psi at one half flow of Type)
- Foam Proportioner
- Compressed Air Foam System (CAFS) with minimum 40 cfm Compressor
- Additional Personnel

#### 75.1 DRC AREA ENGINE AND TENDER LISTING

The RMA standard for staffing engines is 3 personnel. (NWCG standard is 2 persons).

##### DRC FEDERAL ENGINES

x = 4 WHEEL DRIVE

	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6	TOTAL
Columbine Public Lands						1x	1
Dolores Public Lands				1x		2x	3
Pagosa Public Lands				1x		1x	2
Southern Ute Agency						4x	4
Ute Mountain Agency				1x		4x	5
Mesa Verde National Park						2x	3
JIA – NM for IA on border					2x	5x	7

##### DRC FEDERAL EQUIPMENT

	DOZER TYPE 1	DOZER TYPE 2	DOZER TYPE 3	SUPPORT TENDER TYPE 1	SUPPORT TENDER TYPE 2	SUPPORT TENDER TYPE 3
Southern Ute Agency			1			1
Mesa Verde National Park						1
San Juan Public Lands - PAG			1			
JIA – NM for IA on border			1			1

See EERA, Vendor listing and State Cooperator Annual Operating Plans for Engines, Water Tenders and other equipment Items.

## **75.2 DRC AREA EQUIPMENT, SUPPLIES**

**The Equipment Rental Agreements book and the Cooperators' Annual Operating Plans are located at DRC.**

The book contains listings of available resources for meals, buses, stores, dozers, water tenders, porta-potties & miscellaneous services. Place all incident requests through DRC.

**Units are encouraged to notify DRC of any vendors within the area who we can sign-up on agreement, prior to fire season.**

**SEE THE DRC SERVICE AND SUPPLY PLAN FOR DETAILS**

**76 AIR TACTICAL AVIONICS TYPING**

- **DRC has 1 – Type 1 Air Tactical Avionics Kit.**

<b>Required Equipment</b>	<b>Type 1</b>	<b>Type 2</b>	<b>Type 3</b>	<b>Type 4</b>
Aeronautical VHF-AM radio transceivers	2 each	2 each	2 each	2 each
Aeronautical VHF-FM radio transceivers	2 each	1 each	1 each	
Panel Mounted GPS	2 each	1 each		
Handheld GPS			1 each	1 each
Separate audio control systems for pilot and ATGS	<b>X</b>	<b>X</b>	<b>X</b>	
Audio/mic jacks with PTT capability in a rear seat connected to co-pilot/ATGS's audio control system	<b>X</b>	<b>X</b>	<b>X</b>	
Intercommunication System	<b>X</b>	<b>X</b>	<b>X</b>	
Plug for auxiliary VHF-FM portable radio or one additional VHF-FM transceiver	<b>X</b>	<b>X</b>		
Accessory Power Source				<b>X</b>
Portable Air Attack Kit				<b>X</b>

**ALL TYPES WILL INCLUDE:**

- 1. A second aeronautical VHF-AM radio transceiver**
- 2. A transponder, altitude encoder and static system**



## **77 RETARDANT PLANTS**

### **77.1 DURANGO AIR TANKER BASE**

The Durango Air Tanker Base is located at the Durango-La Plata County Airport (DRO). It is capable of handling up to 6 air tankers.

The base is normally operational from May 15 to Oct 1, annually.

The Durango Helicopter base is co-located with the ATB.

### **77.2 CORTEZ SINGLE ENGINE AIR TANKER (SEAT) BASE**

The Cortez SEAT Base is located at the Cortez-Montezuma Airport. It is capable of handling Single Engine Air Tankers only. The base is operated on "As needed" bases.

### **77.3 PORTABLE RETARDANT PLANTS**

**MESA VERDE AVIATION** is a private vendor (EERA) who has portable retardant plant capabilities. They are located within Durango Dispatch Center's area. The portable Retardant Plant is capable of supporting both helicopters and Single Engine Air Tanker (SEAT) support.

**78 SPECIALIZED EQUIPMENT/CACHE VANS**

**78.1 AREA IGNITION DEVICES**

**78.1a AERIAL IGNITION DEVICES** (Plastic Sphere Dispensers):

***Must be accompanied by a qualified operator from the home unit.***

**AGENCY/UNIT**

San Juan National Forest  
Mesa Verde National Park

**LOCATION**

Durango Tanker Base, Colorado  
Mesa Verde, Colorado

**78.1b. TERRA TORCH:**

***Must be accompanied by a qualified operator from the home unit.***

**AGENCY/UNIT**

Southern Ute Agency

**LOCATION**

Ignacio, Colorado

**78.1c. HELI-TORCH:**

***Must be accompanied by a qualified operator from the home unit.***

**AGENCY/UNIT**

San Juan National Forest

**LOCATION**

Durango Tanker Base, Colorado

## 78.2 SEED BUCKETS

**RMA** has one seed bucket available at JeffCo in Broomfield, Colorado.

*An operator must accompany the seed bucket to any incident.*

**Weight:** 225 lbs.

**Volume:** 37 cubic feet or 280 gallons

**Capacity:** 900 - 1000 lbs grass seed and/or fertilizer

**NEW AIR AVIATION** has one seed bucket available located at Durango, Colorado.

*An operator must accompany the seed bucket to any incident.*

**Compatible with:** Bell 206 B-3 or L-3 helicopters.

**Capacity:** 300 lbs of seed and/or fertilizer.

**Cost:** \$300.00/day

## 78.3 POTABLE WATER TENDER

Potable water tenders are available from San Juan Public Lands Office (1 each), contractors and National Guard/Military units.

## 78.4 AREA 250 PERSON CACHE VANS

One mobile cache van is normally pre-positioned by RMK within DRC zone. We normally position it at the Trimble work center. Location of additional cache vans refer to RMC Mob Guide.

### 78.4.1 HEAVY TRUCK TRANSPORT

See the DRC **Equipment EERA and Rental Agreements book** for tractors to move the cache van.

## 78.5 H2S GAS MONITORS

There are areas within the DRC Area that have the harmful H2S gas. DRC has identified two appropriate responses to the fires within these areas, **Aircraft Response Only** or Ground entry with a H2S Gas Monitor.

These monitors can be obtained from:

- DFRA hazmat team (contact Alan Clay or Central Dispatch)  
(some DRFA fire vehicles also have them).
- SUA Fire has a limited supply.
- SJPL Minerals/Gas/Oil Staff has four, and each district Fire Organization has 3-6.
- Private companies in Farmington NM and in Cortez Colorado.

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